

PATENT

**OLIGONUCLEOTIDES WHICH INHIBIT EXPRESSION OF THE OB-
RGRP PROTEIN AND METHOD FOR DETECTING COMPOUNDS
WHICH MODIFY THE INTERACTION BETWEEN PROTEINS OF THE
OB-RGRP FAMILY AND THE LEPTIN RECEPTOR**

AVENTIS PHARMA S.A.

INSERM

CRNS

ABSTRACT

The present application relates to oligonucleotides which inhibit expression of the OB-RGRP protein and to uses thereof for preventing and/or treating leptin-related pathological conditions.

It also relates to a method for detecting compounds which modify the interaction between proteins of the OB-RGRP family and the leptin receptor. This detection may be carried out by measuring the energy transfer between fusion proteins composed of these proteins and of energy-donor and -acceptor proteins.